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228	20.1
Class	Subclass
ISSUE CLASSIFICATION	

PATENT NUMBER

6533159

6533159

U.S. UTILITY Patent Application

RTS	O.I.P.E.	PATENT DATE
SCANNED	<i>DSg</i>	MAR 18 2003

APPLICATION NO.	CONT/PRIOR	CLASS	SUBCLASS	ART UNIT	EXAMINER
09/639486	D	228	20.1	1725	P.H. min

APPLICANTS
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Michael Balli
Marjorie Waddel

TITLE
Method of attaching solder balls to BGA package utilizing a tool to pick and dip the solder ball in flux

Certificate

AUG 26 2003

of Correction

PTO-2040
12/99

ISSUING CLASSIFICATION					
ORIGINAL		CROSS REFERENCE(S)			
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)		
228	20.1	228	33	41	45
INTERNATIONAL CLASSIFICATION					
B23K	5/22				
B23K	1/00				
B23K	37/02				
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□ TERMINAL DISCLAIMER	DRAWINGS			CLAIMS ALLOWED		
	Sheets	Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.
	10	9	15	3	15	1
□ The term of this patent subsequent to _____ (date) has been disclaimed.	<i>Zidia Peltman</i> 8/26/02 (Assistant Examiner)			NOTICE OF ALLOWANCE MAILED		
□ The term of this patent shall not extend beyond the expiration date of U.S Patent No. _____	<i>TOM DUNN</i> TOM DUNN SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 1700 8/26/02 (Primary Examiner)			8-27-02		
□ The terminal _____ months of this patent have been disclaimed.	<i>Legal Instruments Examiner</i> (Legal Instruments Examiner)			ISSUE FEE		
				Amount Due	Date Paid	<i>\$7280.00 11/7/02</i>
ISSUE BATCH NUMBER						

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ISSUE FEE

Formal Drawings (_____ sheet) set

(FACE)

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